

Octagon 20 Digital
Octagon 40 Digital

The simple, safe way to hatch eggs

Technology in a familiar shape

The **Octagon 20** series incubators are the solution to the incubation of small numbers of eggs - providing the control and reliability to ensure top hatch rates, time after time.

The Octagon 20 MkIII, introduced in 1995, has set the standard for small, forced draught incubators and has been enthusiastically received by breeders of a wide range of species. Its combination of advanced electronic temperature control, Omnitherm™ heating and thermally efficient cabinet provide unparalleled temperature stability at an unbeatable price.

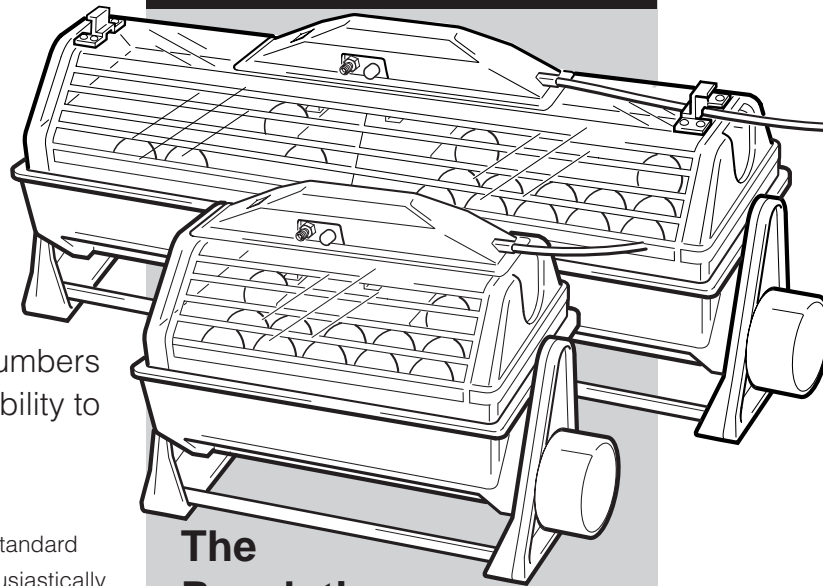
The MkIII has now evolved into the Octagon 20 Digital, providing at-a-glance confirmation of temperature from a purpose built, highly accurate digital thermometer. The new Digital model also features a clearer, tougher top for better visibility and improved proportional electronic temperature control. These improvements have also been incorporated into the new Octagon 40 Digital which joins the range. Using the same technology, the Octagon 40 Digital offers the same high performance with double the egg capacity of the 20. The range is completed by the Octagon Pro-20 which is specifically designed to satisfy the demands of breeders of high value eggs for absolute control, not only of temperature but also humidity and vibration (see separate leaflet).

The Octagon 20 is available in either semi-automatic or fully automatic egg turning (with the optional Autoturn cradle). The Octagon 40 is supplied complete with its Autoturn cradle as standard. Like all Brinsea incubators the Octagon 20 and 40 are fully adjustable for all sizes of egg from budgerigars to geese and offer the flexibility of optional temperature alarm, wet bulb thermometer (for measuring humidity) or fully automatic humidity management with the H22 module.

Temperature Control

Precise and consistent control of temperature is essential for good hatching results. Brinsea's new Omnitherm™ all round heating technology is a system of printed heater bars covering much of the clear top without significantly interfering with visibility.

The benefit of Omnitherm™ technology is that heat losses are offset where they arise, balancing the radiant loss from the eggs normally lost through clear covers. Tests demonstrate that eggs enclosed by conventional clear surfaces lose more heat even at the correct, controlled air temperature.



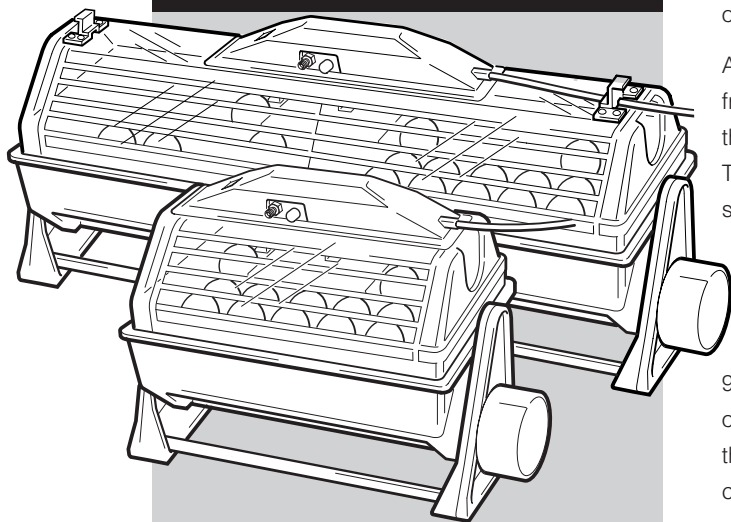
The Revolutionary Incubator Concept

- Equivalent capacity of
24 hens eggs (Octagon 20) or
48 hens eggs (Octagon 40)
- Advanced design for maximum
hatch rates and reliability:
- Omnitherm™ all round heating
- Proportional temperature control
- Double skin clear top for good
visibility and minimal heat loss
- Silent computer type fan(s)
- Produced to ISO9002 international
quality assurance standard
- Continuous, accurate, external
digital display of temperature
- Full automatic egg turning
(optional with Octagon 20,
standard with Octagon 40)
- Simple user control of temperature
and ventilation
- Made from tough moulded plastic
for easy cleaning
- Fully compatible with H22 electronic
Humidity Management Module for
automatic control of humidity
- Electrically safe - manufactured to
BS3456 & EN60-335 standards

Brinsea

INCUBATORS

Octagon 20 Digital Octagon 40 Digital



Specifications:

| | Octagon 20 | Octagon 40 |
|---------------------------|--|---------------|
| Egg Capacity: | | |
| Quail | 60 | 120 |
| Pheasant | 40 | 80 |
| Hen | 24 | 48 |
| Duck | 20 | 40 |
| Goose | 9/12 | 18/24 |
| Weight: | | |
| Incubator | 2.0kg | 3.5kg |
| Cradle | 1.0kg | 1.5kg |
| Consumo: | | |
| (max) | 45 W | 75 W |
| (typical average) | 25 W | 38 W |
| Dimensions: | | |
| 20 Incubator only | 325 x 235 x 243mm high | |
| 20 with cradle | 405 x 235 x 280mm high | |
| 40 Incubator only | 620 x 235 x 243mm high | |
| 40 with cradle | 710 x 235 x 280mm high | |
| Electrical supply: | | |
| Both 20 & 40 | 220/240v, 50Hz or 115v, 60Hz as ordered. | |

**Brinsea Octagon 20
series incubators...**
***the nearest approach
to the natural nest!***

Brinsea

Omnitherm™ heaters are exceptionally responsive to control because of the low thermal inertia and very low temperature rise. This ensures very good temperature stability. The clear top is double glazed, further improving temperature stability and operational efficiency.

Adjustment to temperature can be made with a small screwdriver from outside the incubator. An indicator lamp shows the status of the control - whether the unit is warming up, stable or cooling. The electronic proportional thermostat is well protected against surges or 'spikes' in the mains supply - the most common cause of failure in other incubators.

Egg Handling

Egg turning is effected by rotating the whole cabinet through 90°. This can be done manually by turning the incubator on its own three position base, or fully automatically when mounted in the self-turning cradle. The incubator lifts easily in and out of the cradle - so it can stand horizontally for hatching.

Goose or other large eggs are set lying down, small eggs can be set either horizontally or vertically. The egg dividers are adjustable in 7.5mm steps. There are no internal moving parts associated with the egg turning - so nothing to trap or injure emerging chicks if you forget to stop the turning.

Humidity and Ventilation

Very high quality fan and motor assemblies (one on the Octagon 20 and two on the 40) provide even air flow throughout the incubator and the level of fresh air drawn into the enclosure is controlled by a slider.

Humidity is provided by water compartments moulded into the incubator base. The humidity level is controlled by the presence of water in different numbers of compartments and by the ventilation slider setting. Humidity can be checked directly with the purpose built wet bulb thermometer (optional) or Brinsea's fully automatic electronic Humidity Management Module (optional). Contact Brinsea Products for more details.

Guarantee

All Brinsea incubators are fully guaranteed and will be repaired or replaced if a fault should arise within the guarantee period (See terms of guarantee).

Brinsea Products Ltd and their agents will not be responsible for loss of eggs in the event of failure, however caused, and the user is advised to arrange his own insurance cover where loss of power, mechanical or electrical failure might result in unacceptable losses. It is recommended that this product is used in conjunction with an independent temperature alarm system if eggs of significant value are to be incubated.

In order that we can continue our policy of innovation and improvement, we reserve the right to alter specification details without notice.

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